AMENDMENTS TO THE CLAIMS

Claims 1 to 22 (Canceled)

23 (Currently Amended). A method ~~deploying a prosthesis in a tissue region in a blood vessel or hollow body organ~~ comprising ~~the steps of~~

(i) providing a prosthesis comprising a trunk including a prosthetic material and a scaffold that supports the prosthetic material to define a lumen within the trunk, the trunk including a main body region and a fastening region configured differently than the main body region for the receipt and retention in the second region of at least one tissue-piercing fastener implanted into tissue by an external fastener attachment assembly,

(ii) deploying the prosthesis ~~in the tissue region~~ at a target site in an aorta where a diseased or damaged section exists,

(iii) introducing an intraluminal directing device from a remote access site to a location within the prosthesis, the intraluminal directing device including a deflectable distal region,

(iv) establishing a path to the fastening region of the prosthesis by manipulating the intraluminal directing device within the prosthesis to orient the distal region with respect to the fastening region,

(v) introducing from an intraluminal fastener applier, that is introduced along the path established in (iv), at least one tissue-piercing fastener into tissue through the fastening region to anchor the prosthesis ~~and implanting at least one fastener in the fastening region to secure the prosthesis in the tissue region~~,

(vi) establishing a path to a different location on the fastening region of the prosthesis by manipulating the intraluminal directing device within the prosthesis to orient the distal region with respect to the different location,

(vii) introducing from an intraluminal fastener applier, that is introduced through the path established in (vi), at least one tissue-piercing fastener into tissue at the different location to further anchor the prosthesis, and

(viii) repeating (vi) and (vii) until a desired plurality of tissue-piercing fasteners are introduced into tissue to anchor the prosthesis.

Claims 24 to 26 (Canceled)

27 (Currently Amended). A method according to claim 23, wherein the ~~tissue region~~ diseased or damages section of the aorta contains an aneurysm.

28 (New). A method according to claim 23

wherein at least one of the tissue-piercing fasteners comprises a helical tissue-piercing fastener.

29 (New). A method according to claim 23

wherein at least one of the tissue-piercing fasteners comprises a fastener that pierces tissue in response to rotation; and

wherein (v) and/or (vii) includes rotating the fastener with a rotary driver.

30 (New). A method according to claim 23

wherein the desired plurality of tissue-piercing fasteners are introduced in a circumferentially spaced-apart pattern to anchor the prosthesis.